



# Technical Specialists' Meeting on Systems Engineering "Systems Engineering Opportunities and Challenges within the Rotorcraft Industry"

**October 15-16, 2009**  
**Hartford, Connecticut**

## Call for Papers

The Stratford Chapter and the Systems Engineering Technical Committee of the American Helicopter Society International will be sponsoring a Technical Specialists' Meeting **October 15 – 16, 2009, in Hartford, Connecticut**. The Specialists' Meeting will focus on the **Systems Engineering Opportunities and Challenges within the Rotorcraft industry**.

As helicopters become more complex, the design, development, and production of systems capable of operating in a System-of-Systems (SoS) environment require integration of diverse activities, processes, tools and people. Network-centric architectures, and spiral development, are demanding higher levels of integration. Systems engineering is more critical than ever in supporting integrated system solutions that balance top-down capabilities needs with bottom-up platform requirements. This meeting will be a venue for systems engineering practitioners, managers, researchers, and educators to exchange innovative concepts, ideas, and lessons learned addressing management, application, processes, tools, and results of implementing Systems Engineering.

Abstracts will be accepted in all technical disciplines and specialty areas associated with the implementation of requirements and design, through manufacturing and field support of military and commercial rotorcraft products.

### Specific systems engineering topics for consideration may include:

- Requirements development and management
- System architecture, especially at the system-of-systems level
- Systems modeling & simulation
- System integration, verification and validation
- Systems reliability
- Project management
- Risk management
- Systems engineering processes management
- Systems engineering education and training
- "Systems thinking" benefits

### Important Dates in Process:

**Abstracts must be submitted to Theodora Saunders, (203) 386-6349; e-mail: [Tsaunders@Sikorsky.com](mailto:Tsaunders@Sikorsky.com), by no later than **March 15, 2009**.** Abstracts should be approximately 1,000 words, present the status of the background data to be used, summarize figures and illustrations to be used (with samples), and include a summary of important conclusions.

**Paper selection will be completed and authors will be notified by **April 30, 2009**.**

**Final papers and/or presentations must be submitted by **September 15, 2009**.**

Authors have the responsibility to obtain appropriate clearance of their abstract, paper, and presentation in time to meet the above deadlines. Submittal of an abstract is interpreted as a professional commitment to attend the Systems Engineering Specialists' Meeting, and make a presentation representative of the paper. Authors who are unable to make the presentation, must make arrangements for a substitute presenter.

For further information contact Theodora Saunders, (203) 386-6349; e-mail: [Tsaunders@Sikorsky.com](mailto:Tsaunders@Sikorsky.com) Technical Chairperson or Christine Collins, [christine.collins@lmco.com](mailto:christine.collins@lmco.com) Technical Co-Chairperson.